

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE  
ER REGULATORY CONTACT RECORD**

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**Date/Time:** December 16, 2003 / 10:30 a.m.

**Site Contact(s):** K-H: Marcella Broussard, Lane Butler  
K-H Team: Susan Serreze

**Phone:** 303/966-2677

**Regulatory Contact:** CDPHE: Dave Kruchek  
DOE: Norma Castaneda

**Phone:** 303-692-2035 – CDPHE  
303/966-4226 – DOE

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**Purpose of Contact:** A meeting was held on December 16, 2003 to discuss the IHSS Group 700-4 Draft ER RSOP Notification and Closeout Report.

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**Discussion**  
See Meeting Minutes Below

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**Contact Record Prepared By:** Susan Serreze

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**I. Attendees**

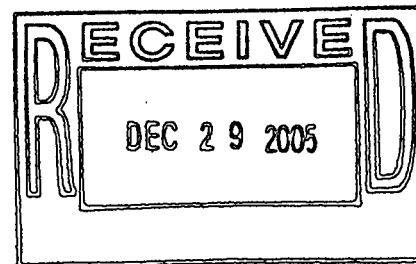
CDPHE: Dave Kruchek  
DOE: Norma Castaneda  
K-H: Marcella Broussard, Lane Butler  
K-H Team: Susan Serreze

**II. Report Status**

Upcoming report status was not discussed.

**III. Issues**

Non-radionuclide SORs were discussed. This is a RFCA issue.  
Hot spot methodology was discussed. This is a RFCA issue.



**ADMIN RECORD**

#### IV. Specific Comments

##### **IHSS Group 700-4 ER RSOP Notification and Closeout Report**

The following resolutions were agreed to:

1. The document will be reorganized by moving all tables and figures to the end and some sections will be moved.
2. The discussion on non-radionuclides is a RFCA issue and will be discussed with the PCs and not addressed in this closeout report.
3. The discussion on the hot spot methodology is a RFCA issue and will be discussed with the PCs and not addressed in this closeout report.
4. The map keys will be changed to correctly indicate existing sampling locations.
5. The color of the dots on Figures will be changed to different blues and greens to better show the differences between the colors.
6. Table 3 and the maps will be reviewed for consistency.
7. Sampling location CE47-012 will not be remediated as part of this project, instead it will be transferred to IHSS Group 000-2.
8. Additional detail will be added to Table 2.
9. Table 4 will be changed to match data on maps.
10. A data CD is not routinely provided with the draft document. It is, however, provided, if requested. The data CD is provided with the final document.
11. Text will added to state that the groundwater contaminants are not found in IHSS Group 700-4 soil.
12. Table 6 will be revised to incorporate new data.
13. Summary Statistics tables do not routinely included highlighted action level exceedances, but this can be done. These tables will be moved to right before the DQA section so that they will incorporate all data (including NLR data).
14. The reference to Table 7 in Section 2,2 will be changed to Table 4.
15. Italics will be used in Table 3 to distinguish radionuclides estimated from HPGe measurements from alpha spectroscopy data.
16. The statements regarding grade will be changed as suggested.
17. Tables 8, 9 and 10 and surrounding discussion will be deleted.
18. The 95% UCL/AL calculation for benzo(a)pyrene was less than 1 and in accordance with RFCA no remediation is required. The 95% UCL/AL calculation for dibenzo(a,h)anthracene was less than 1 and in accordance with RFCA no remediation is required. The 95% UCL/AL calculation for arsenic will be added. Removal of soil with benzo(a)pyrene at concentrations greater than 3 times the AL will be transferred to IHSS Group 000-2 pending further discussions with the regulatory agencies.
19. The text will be modified.
20. Figure 9 will be changed to show all sampling locations.
21. Section 3.1 will be modified for clarity.

22. The SSRS will be moved. The SORs are calculated for radionuclides for surface and subsurface soil. In accordance with RFCA, the SSRS takes precedence over the SOR for the determination of subsurface (greater than 3 feet) removal actions. The source of the 116 pCi/g AL used in the SSRS is RFCA. The "cleanup level" for Plutonium-239/240 is 50 pCi/g however, the technically defensible AL is 116 pCi/g and in accordance with RFCA 116 pCi/g is used in the SOR calculation. The text will be changed for clarity. Figure 10 and Table 12 will be revised.
23. The information for Table 15 is now available and the Table will be completed.
24. Backfilling has now occurred. The text will be modified to reflect this change.
25. The text will be changed to indicate that accelerated action sampling is in accordance with the IASAP and addendum.
26. The depth discussion in section 5.0 will be changed. A new bullet will be added that indicates SVOCs are in surface soil.
27. The text will be changed to indicate what No Longer Representative Samples are.
28. Arsenic will be added to the SSRS Screen 1, but the SVOCs in surface soil will not. Text will be added to the SSRS Screen 2 indicating that although this area is not in an area considered to be subject to erosion in accordance with RFCA, erosion could occur. The statement on cross-contamination will be deleted from Screen 3.
29. Arsenic groundwater concentrations will be added to Table 17. Additional text will be added to indicate that when foundation and other drains are disrupted, the concentration of contaminants in groundwater may change.
30. Section 6.1 will be updated.
31. The first sentence in the Stewardship evaluation will be deleted.
32. Bullets in Section 7.0 will be changed to be consistent with those in Section 5.0.
33. The determination of whether additional actions are required was transferred to IHSS Group 000-2 pending further discussions with the regulatory agencies. Soil removal areas were backfilled. The text will be changed to indicate that groundwater and surface water monitoring will continue in accordance with the IMP.
34. Table 19 will be fixed.
35. The DQA will be re-evaluated.
36. Project conclusions will be added.

#### V. Meetings

One meetings are currently scheduled during the remainder of the month.  
Thursday, December 18, 2003 at 10:30 AM.

Required Distribution:

M. Aguilar, USEPA  
S. Bell, DOE-RFFO  
J. Berardini, K-H  
B. Birk, DOE-RFFO  
L. Brooks, K-H ESS  
M. Broussard, K-H RISS  
L. Butler, K-H RISS  
G. Carnival, K-H RISS  
N. Castaneda, DOE-RFFO  
C. Deck, K-H Legal  
S. Gunderson, CDPHE  
M. Keating, K-H RISS  
G. Kleeman, USEPA  
D. Kruchek, CDPHE  
D. Mayo, K-H RISS

R. McCallister, DOE-RFFO  
J. Mead, K-H ESS  
S. Nesta, K-H RISS  
L. Norland, K-H RISS  
K. North, K-H ESS  
E. Pottorff, CDPHE  
A. Primrose, K-H RISS  
R. Schassburger, DOE-RFFO  
S. Serreze, K-H RISS  
D. Shelton, K-H ESS  
C. Spreng, CDPHE  
S. Surovchak, DOE-RFFO  
K. Wiemelt, K-H RISS  
C. Zahm, K-H Legal

Additional Distribution:
